

WELL SUMMARY

page 1 of 2Location ID: 400-A-151 Field Representative(s): Hobbs/Cravens/ContaldoNorthing: 230188.95 Easting: 414503.08Date Started: 29 January 1987 Date Completed: 9 February 1987Drilling Method: Mud/Air-foam rotary Drilling Contractor: LarionDriller: T. Crawford, J. GowerTotal Depth Borehole: 187' Total Depth Well Casing: 180.8'Total Depth Surface Casing: 30'Diameter Well Casing: 4" Diameter Surface Casing: 10"Length of Bottom Blank: 5'Type of Screen: standard 0.02 slotScreen Interval: 150.5' to 175.6'Water First Detected: 170'-185' Water Level Open Borehole: 152.4' (G.L.)Water Level Cased Borehole: 155.5'

Quik-Foam Use:

Estimated Water Use: 1600 gallons drilling
1150 gallons (returned to surface)
450 gallons introduced to formation

Well Casing:

4in x 3ft SCD 40 PVC:	stock SS centralizers: 2
4in x 5ft SCD 40 PVC:	custom SS centralizers:
4in x 10ft SCD 40 PVC: 13	4"x2' SS locking riser: 1
4in x 20ft SCD 40 PVC:	4" SS locking cap: 1
Total SCD 40 PVC pipe: 130 ft	4" SS female cap: 1
4in x 3ft SCD 5 SS pipe:	
4in x 5ft SCD 5 SS pipe: 1	4in x 5ft SCD 10 SS pipe:
4in x 10ft SCD 5 SS pipe: 2	4in x 10ft SCD 10 SS pipe:
4in x 20ft SCD 5 SS pipe:	4in x 20ft SCD 10 SS pipe:
Total SCD 5 SS pipe: 25 ft	Total SCD 10 SS pipe: 0 ft

Well Completion:

100# bags 16/40 sand:	2	bags
100# bags 10/20 sand:	7	bags
100# bags 8/14 sand:	6	bags
100# bags 8/20 sand:		bags
94# bags cement:		bags
5 gal. buckets bentonite:		buckets
50# bentonite powder:	6	bags

Surface Casing:

94# bags cement:	12	bags
50# bags bentonite powder:		bags

Pertinent Field Notes:

Previous well names: 400-A, 400-A-153, 400-A-150.5

Mud rotary, 12 ½" borehole 0'-40'. Air-foam, 7 7/8" (?) borehole 40'-TD. Developed 900 gallons. Recovery test, 14-16 February 1987.

12/04/88	Redevelopment by bailing; bail 60-70 gallons, large angular chips of rock were bailed out.
12/23/88	Surge and bail for redevelopment. Bail ≈ 100 gallons.
01/06/89	Set air-lift pump at 177'.
01/07/89	Pump did not work; suspect the check valve is stuck.
01/12/89	Pull and fix air-lift pump and reset pump at 177'. Pump 36 gallons (discharge = 0.1 gpm).
01/13/89	Pump 24 gallons (discharge = 0.1 gpm).
01/16/89	Pull pump.